Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/8//36)

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) Photographs. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Crasures, alterations overwritings, interlineations, folds: Copy machine marks not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not an acceptable size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 84 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 84 Size Top (T) Right (R) Bottom (B) Margine not acceptable. Fig(s) Bottom (B) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black s	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	9 ADD ANCEMENT OF MENT AND AREA
Color drawings are not acceptable until petition is granted. Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) If full-one set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) SEZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) SIZE OF PAPER. 31 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) Drawings sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B1D Jill. Marging not acceptable is required. Fig(s) WEWN. 37 CFR 1.84(f) Barbard of the same size. Partial views. 37 CFR 1.84(f) Branckes needed to show figure as one entity. Fig(s) In Marging of the same size are revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Black ink. Color.	
Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Maylar. Veturn paper is not acceptable too thin). Fig(s) Maylar. Veturn paper is not acceptable too thin). Fig(s) Maylar. Veturn paper is not acceptable sizes: 21.0 cm by 27.9 cm (R 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE. Stab-lit. Size. Ad Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE. Stab-lit. Fig(s) Margington acceptable. Fig(s)		
PROTOCRAPH. 3. of CR 1.84(b) 1 full-tone set is required. Fig(s) 1 full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) SIZE OF PAPER. 37 CFR 1.84(c) Paper motified maks not accepted. Fig(s) Mylar. Yellum paper is not acceptable to thin). Fig(s) SIZE OF FAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.9 cm (DIN size A4) 21.6 cm by 29.9 cm (DIN size A4) Drawings sheets not the same size. Sheet(s) Drawings sheets not the same size. Sheet(s) Drawings sheets not an acceptable to size. Fig(s) Drawings sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Bight 1.5 cm Bottom 1.0 cm SIZE: B1D-11. Marging not acceptable. Fig(s) Fig(s) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Brackets needed to show figure as one entity. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) PROTOCRAPIC SECTIONS. 37 CFR 1.84(m) Solid black shading to time quality). Fig(s) 1.1 SHADING: 37 CFR 1.84(m) Solid black shading on black (poor line quality). Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not plain and legible. Figure legends are poor. Fig(s) Numbers, letters not uniformly thick and well defined, cican, durable, and black (poor line quality). Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) English alphabet not used. 37 CFR 1.84(p)(3) Figure s		
PHOTOGRAPHS. 37 CFR 1.84(b) I full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(c) Fastors. alterations overwritings, intertineations, folk-copy machine maks not accepted. Fig(s) Mylar, vetum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.0 cm by 29.7 cm (Dil Nize 44) 21.6 cm by 27.9 cm (S 1/2 x 11 inches) All drawing sheets not the same size. Shee(s) Shee(s) MARGINS. 37 CFR 1.84(f). Acceptable sizes: Stee(s) Size OF APER. 1.84(f). Acceptable sizes: Stee(s) Size OF APER. 34 CFR 1.84(f). Acceptable sizes: Stee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Size OF APER. 37 CFR 1.84(f). Acceptable sizes: Slee(s) Slee(Pencil and non black ink not permitted. Fig(s)	9. SCALE. 37 CFR 1.84(k)
Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Grassiers, alternations overwritings, intertineations, folk-copy machine maks not accepted. Fig(s) Mylar, vetum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.0 cm by 29.7 cm (Dil Nize A4) 21.6 cm by 27.9 cm (S 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Sheet(s) MARGINS. 37 CFR 1.84(f). Acceptable sizes: Size: As Size Stope (s) Marginyto acceptable figes Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: As Size Top (1) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Bottom (B) VIEWS. 37 CFR 1.84(h) Bottom (B) VIEWS. 37 CFR 1.84(h) Bottom (B) Size (A Size Top (1) Left (L) Brackets needed to show figure as one entity. Fig(s) Brackets needed to show figure as one entity. Fig(s) Size (A Size (B) Si	PHOTOGRAPHS. 37 CFR 1.84(b)	
Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CRF 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Mystar. Vetum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (B 1/2 x 11 inches) Ald drawing shects not the same size. Sheet(s) Drawings shects not an acceptable size. Sheet(s) Drawings shects not an acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 5/2 cm Size: A4 5/2 cm Fig(s) Margingron seceptable. Fig(s) Margingron seceptable. Fig(s) Margingron seceptable. Fig(s) Margingron seceptable. Fig(s) Margingron seceptable. Fig(s) Margingron seceptable spaniety Fig(s) Margingron seceptable spaniety Fig(s) Margingron seceptable spaniety seproperty Fig(s) Margingron sec		crowding when drawing is reduced in size to two-thirds in
TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Mylar, verum paper is not acceptable (too thin). Fig(s) Mylar, verum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81D-11. Margin pot acceptable: Fig(s) In Margin pot acceptable: Fig(s) Margin R) Bottom (B) VIEWS. 37 CFR 1.84(p) Brackets needed to show figure as one entity. Fig(s) Fig(s) Parial views. 37 CFR 1.84(p)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81D-11. Margin pot acceptable: Fig(s) Solid black area pate. Fig(s) Solid black shading not permitted. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers. Etters of Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SiZE: 81D-11. Margin pot acceptable: Fig(s) Solid black strates and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)		
Paper not flexible, strong, while, and durable. Fig(s) Fig(s) Mystar. Yetum paper is not accepted. Fig(s) Mystar. Yetum paper is not accepted. Fig(s) Mystar. Yetum paper is not accepted too thin). Fig(s) Slo of Paper. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (B 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Sheet(s) Drawings sheets not an acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top (T) Left (L) Right (R) Wiews, 37 CFR 1.84(p) Brackets needed to show figure as one entity. Fig(s) Fig(s) Fig(s) Fig(s) Brackets needed to show figure as one entity. Fig(s) Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 7.5 cm Left (L) Right (R) Brainbord ceceptable Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Number		
Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) Mylar. Vetum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (B 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable margins: NuMBERS. LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(g): Acceptable margins: Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Figure legends are poor. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Size: A4 Size Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Size: A4 Size		
defined, clean, durable, and black (poor line quality). folds Copy machine miks not accepted. Fig(s) Mylar, Vetum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (SIV x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 77 Left (L) Marginariot acceptable: Fig(s) Might (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Bread of drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black streas pale. Fig(s) Solid black areas pale. Fig(s) Shade lines, pale, rough and blurred. Fig(s) Numbers and reference characters not printing in the same direction are		
Fig(s) Fig(s) Fig(s)		
Mylar, Velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 2.1.0 cm by 2.7.0 cm (DIN size A4) 2.1.6 cm by 2.7.0 cm (DIN size A4) 2.1.0 cm (DIN s	folds, copy machine marks not accepted. Fig(s)	
Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s) 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (B 1/2 x I I inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(p): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Bight 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Bight 1.5 cm Bottom 1.0 cm SIZE: B1D2 II. Marginer not acceptable. Fig(s) Marginer not acceptable. Fig(s) Marginer not acceptable. Fig(s) Marginer not acceptable. Fig(s) Solid black shading not permitted. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not plain and legible. Fig(s) English alphabet not used. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference chara	Mylar, velum paper is not acceptable (too thin).	
2.1.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.7 cm left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.6 cm Right (R) 22.6 cm Right 1.5 cm Bottom 1.0 cm 23.7 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) 24.8 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) 25.6 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 25.6 cm Right (R) 25.6 cm Right (R) 25.6 cm Right (R) 25.6 cm Right (R) 25.7 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 25.7 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 25.7 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm 25.8 cm Right (R) 25.8 cm Right 1.5 cm Bottom 1.0 cm 25.8 cm Right (R) 26.8 cm Right (R) 26.8 cm Right (R) 26.8 cm Right (R) 27.8 cm (R/8 (R)) 2		
21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Pight 1.5 cm Bottom 1.0 cm SIZE: B1D-11. Marginerpot acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Branking changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) F		
All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view nothabeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) A7 CFR 1.84(p) Numbers and reference characters not plain and legible. Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers		
Sheet(s)		
Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81/2 11. Marginenot acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Brackets needed to show figure as one entity. Fig(s) Brackets needed to show figure as one entity. Fig(s) English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Numbers not membered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Numbers not membered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Corrections as the view. 37 CFR 1.84(p)(2) Fig(s) 13. LEAD LINES. 37 CFR 1.84(q) Lead lines missing. Fig(s) Lead lines missing. Fi		
Figure legends are poor. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Figs Numbers. letters and reference characters must be at least 3.3 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Numbers. letters and reference characters must be at least 3.3 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Numbers. Specification may require revision to correspond to drawing changes. Lead Lines missing. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Numbers. Specification may require revision to correspond to drawing changes. Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Numbers. Specification may require revision to correspond to drawing changes. Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Views not liabeled separately appropriate. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Views not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black shading not used for color contrast.		
Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)		
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm IZE: 8 1/2 11. Margins not acceptable. Fig(s) Top (T)		
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm STZE: 8 D 11.	Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	
Marginnot acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(n) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) WIEWS. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Entarged view notifiabled separately or property. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black shading not used for color contrast. Fig(s) Sig(s) Numbers, letters and reference characters must be at least 3.2 cm numbers. Itelds in height. 37 CFR 1.84(p)(3) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.		
Margine not acceptable. Fig(s)	Top 2.5 cm Left 2.5 cm Bight 1.5 cm Bottom 1.0 cm	
Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackes needed to show figure as one entity. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Enlarged view notflabeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sottonal designation should be noted with Arabic or Roman numbers. Fig(s) Size August 1. Sequence of the	Margin not acceptable Fin(s)	
Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Enlarged view notifiabled separately or property. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) SIBLEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.	Ton (T)	
VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view nothabeted separately or property. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Views not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated dated 17. DESIGN DRAWINGS. 37 CFR 1.84(w) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.		
REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately seproperty. Fig(s) Enlarged view notflabeled separately or property. Fig(s) Enlarged view notflabeled separately or property. Fig(s) BECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sections numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sections numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sections numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Sheets not numbered consecutively, and in Arabic numeral beginning with number 1.	VIEWS. 37 CFR 1.84(h)	
correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately seproperty. Fig(s) Enlarged view nothabeled separately or property. Fig(s) Enlarged view nothabeled separately or property. Fig(s) Enlarged view nothabeled separately or property. Fig(s) Brackets needed to show figure as one entity. Enlarged view nothabeled separately or property. Fig(s) Brackets needed to show figure as one entity. Sheets not numbered consecutively, and in Arabic numeral beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numeral beginning with number 1. Fig(s) Corrections. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated Adated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Fig(s) Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	REMINDER: Specification may require revision to	
Brackets needed to show figure as one entity. Fig(s) Enlarged view notifiable desparately or property.		
beginning with number 1. Sheet(s)		
Views not labeled separately or property. Fig(s)		
Fig(s)		
Enlarged v ew not labeled separetely or properly. Fig(s)		
Fig(s) 16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated dated	Enlarged view notifabeled separetely or properly	
SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) To DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Fig(s)		
Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Hatching not indicated for sectional portions of an object. Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s)		
Fig(s) Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Roman numbers. Fig(s) Fig(s)	SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	dated
Sectional designation should be noted with Arabic orSolid black shading not used for color contrast. Roman numbers. Fig(s) .		
Roman numbers. Fig(s) Fig(s)		
OMMENTS	Roman numbers. Fig(s)	Fig(s)
OMMENTS		
OMMENTS		
	OMMENTS	
	•	
	•	

S. Frell DATE 5/13/00 TELEPHONE NO.

ATTACHMENT TO PAPER NO.

DEST AVAILABLE COPY

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Reveiw Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

5 Blokerson

Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections <u>within the time period set in the attached Office communication</u>. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.